

CHURNING BY WIND.

There Is No Good Excuse for Doing This Work by Hand in These Days of Machinery.

Churning by wind saves labor; whether the windmill be factory enlists general support and hearty apmade galvanized iron or some five-dollar homemade go-devil affair matters not. The cut shows the lower portion of a windmill's framework, the power being transmitted by the rod conneeted with the top of the well. A



CHURNING BY WINDMILL POWER. My drive wheel is a silent clutch wheel, but those who have none can use an old mower wheel, as illustrated, with a ratchet wheel on the shaft.

The speed can be changed by having two or more holes in the lever. as they pay for all the freight trans-This device changes the reciprocal ported by all the railroads. When this motion into circular by means of old is duly impressed upon the legislative castings which can be found on every mind the action advocated by the confarm. It will not do to use a piston vention will not be refused. on a windmill for such a purpose, as it is liable to stop on the "dead centions of the convention, which indicate ter," then when the wind freshens the the programme the national associaresult would be to smash things un- tion will endeavor to realize: less some one were there to start it past the center. But with the ratchet states repeal the statute labor laws, subless some one were there to start it appliance it needs no watching. The stituting therefor the payment of the usual road taxes in cash. churn always starts when the wind moves the windmill. The upward for the employment of convict labor in stroke alone does the work. The preparation of material for the construcmomentum of the heavy iron wheel keeps up motion during the down stroke. There is no good excuse for and the appointment in every state and taws and the appointment in every state so legis-lating of nonpartisan highway commiswind fly past .- E. C. Bennett, in Farm and Home.

FINISHING TOUCHES.

They Distinguish the Work of the Progressive Dairyman from That

The scrupulous neatness shown in the care of cows; the cleanliness of the stable and the milk vessels; the practice of milking with clean, dry hands and discarding the first streams drawn from each teat; the removal of milk from the stable to a clean milk room for weighing, straining and aeration as soon as it is drawn; keeping the milk at a low temperature in summer and preventing its freezing off two boards and screw over the but we're engaged.' Lucille-"Oh!"in winter; careful delivery of the milk or cream in fine condition at the factory; careful attention to the comfort of the cow in summer as well as in winter; to the quality, quantity and composition of the cow's feed and the water supply; forethought and preparation for an abundant supply of pasture or soiling crops, such as will keep up the milk flow summer and winter without interruption during the entire period of lactation; these are some of the finishing touches which distinguish the work of the dairyman from that of a cowkeeper, the practice of the thoroughbred from that of the scrub dairy-

A well-kept horse and an attractive wagon and harness; a neat, intelligent and obliging deliveryman; shining cans and measures; sterilized, sweet-smelling, well-filled bottles, with the intelligent care of the milk from cow to customer, are some of the finishing touches that build up a retail milk trade at paying prices, and distinguish a thoroughbred dairyman from a scrub cow-keeper and milk-peddler.

In every branch of dairy work, the profit and satisfaction is realized from touches .- Dairy and Creamery.

TIMELY DAIRY NOTES.

be traced to carelessness in drying the surest ways of checking tubercu-

many kinds of stomach troubles, and of separators wherever the number is healthful for everyone.

Don't expect your milch cow to it .- Farmer's Review. furnish her quota of milk and butter if she be left to hustle with the rest of the stock. If she is to do her best she must be fed regularly and cold storms and sudden changes of winter. Winter milking don't pay unless the cow is well treated

Dehorned cattle are more peaceable, easier to fatten, more centented, and can be cared for easier than origin a stock cost \$150 to \$250 per pair. cattle with horns. While the operation may be painful it is not as eruel as allowing large cattle with horns in the venture, which promites to be to harass the smaller animals. The very profitable. It is thought that the stock owner will save many times the Russian sable and other valuable furamount of money it will cost him to have his animals dehorned, in feed Country Gentleman. alone.-Farm Journal.

prolific hens more room to work.

GOOD ROADS CONVENTION.

Chicago Paper Explains Why the Meeting Was Treated Shabbily by the City Authorities.

As the result of the three days' conention at Chicago of the various elements interested in the improvement of public roads and highways a permanent national organization has been perfected and a promising plan of campaign mapped out for the ensuing year. Of the value and utility of the good roads movement no intelligent citizen has the slightest doubt. While the question is hardly a "burning" one, it

The presiding officer and some of the speakers complained of the "apathy" toward the convention on the part of "official" Chicago, and perhaps not without injustice. The local authoridrive-wheel turned by the windmill, a ties might easily have displayed warmclutch or ratchet, and a pulley wheel er sympathy with the commendable on the churn are the machinery used. efforts of the gathering. But our visiting friends should make reasonable allowance for the difficult and disturbed situation in which the city happened to be placed. We have had troubles of our own and of an acute character. The revival of hold-ups and thuggery, and the painful recriminations it called forth, monopolized the attention of the city officials and banished every general subject from their minds. Add to this the tax agitation, the street railway franchise and tunnel question and other absorbing topics, and the lack of active interest is accounted for.

But the delegates may rest assured that Chicago will do her part in the future in encouraging the National Good Roads association. Our manufacturers and business men are not unmindful of the economic disadvantages of bad roads. As President Stuyvesant An old pinion would make a fair sub- Fish, of the Illinois Central, put the stitute for the ratchet. The catch matter in his striking communication, lever is boxed loosely to the shaft the present condition of the public and connected with the pumping rod. highways is probably costing the people of the country annually as much

2. That state legislatures make provision

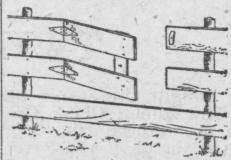
visable. 3. The passage of suitable state aid laws

Of the national government the convention asked nothing beyond an appropriation of \$150,000 for the bureau of public road inquiries at Washington. But the question of rural free delivery is clearly bound up with that of good roads. The whole movement is certain to make slow but sure progress. -Chicago Post.

OPENING IN A FENCE.

How to Make a Half Gate That Saves Many Weary Steps and Considerable Work,

Where a fence is crossed but rarely, a half-gate like that shown in the cut can be made in a few moments. Saw



SMALL FENCE GATE.

cuts two strap hinges. Nail on the up-and-down piece and saw off the other ends. A button completes the gate. Where a whole gate is to be made in a fence, it can easily be made in this way after the fence is built. Nail on the up-and-down pieces. Saw off the boards at one side and screw on hinges. Then saw off the other side.-Orange Judd Farmer.

Separators on the Farm. The hand separator and the small power separator are growing in popplarity on the farm, and it is not to be wondered at. It is very easy to separate the fat from the milk at careful attention to the finishing home and take the cream in the buggy to the factory or turn it over to the man that comes after it. The skim milk can then be fed before it is sour and there is no necessity for Great care should be had in drying heating it to 185 degrees, unless the cows that produce it are suspected WHEAT-No. 2 red... 71 @ 74 A great many spoiled udders can of being tuberculous. This is one of losis, and for this reason, if for no Buttermilk is very beneficial in other, we would advise the purchase of cows is great enough to warrant

Specialties Are Muttiplying. Besides turkey and duck farms, ostrich ranches, preserves for black cats skunks, and many similar enterprises of the past and present, the breeding of foxes in Alaska is attaining importance. No less than 35 islands are said to be occupied for this purpose. The It is claimed that the stock now numbers 1,000, and that \$100,000 is invested bearing animals may be introduced .-

PORK-Mess LARD-Steam Consider carefully what implements Call out the poor layers and give the are best suited to your land, buy them WHEAT-No. 2 red ... and let the others go

ODD INSURANCE POLICIES.

The voice of a prima donna has beer Lloyd's insured the prince of Wales'

jubilee stamps, guaranteeing that the ssue would be successful.

A well-known London underwriter is said to be always ready to lay a thousand to one against twins. Not so very long ago an insurance

risk was covered on a glass bed packed in 20 cases for a certain sultan. A tradesman in a London street who has an impression that a monument

may fall on his shop, has taken out policy at the nominal premium of two shillings and sixpence per cent. Elephants are insured regularly, says Ainslee's. The life of the great Jumbo, who came to New York on a

Monarch line steamship, was insured in Lloyd's for the voyage to New York. A celebrated singer recently took out an insurance on the life of Queen Victoria. She paid a big premium on account of the age of the queen. The reason the singer did this was not because she cared anything more than most folks for the queen, but because her contract to sing would have been abrogated by the queen's death, which would have plunged England into mourning and prevented the singer's appearance in opera.

THE NORTH AMERICAN INDIAN

There are Indian poets and Indian statesmen and Indian soldiers.

There are Indian girls so rice that there is fierce rivalry among white men to marry them.

There are whole Indian tribes that average richer than the general average for the country. There is one full-blooded Indian

congressman-from Kansas, not the Indian territory. The first reliable Indian census was in 1870, and certainly since then the

Indian population has been nearly stationary. Annuities distributed last year aggregated \$1,507,543, the per capita

ranging from \$255 down to 50 cents. There were 250 Indian schools of all kinds conducted by the government, and an increase of 1,412 pupils in enrollment, and 1,142 in average attend-

ance shown over the previous year. "There are now in the treasury to the credit of Indian tribes \$33,317,-955.09, drawing four and five per cent., the annual interest amounting to \$1,-646,485.96. Besides this several of the tribes have large incomes from leasing and other sources."

FLINGS AT THE FAIR SEX.

Wigg-What is it? When a woman can't find any other "They can't sing those glee songs while they are yelling."—Baltimore American. excuse for being sick she says she

is "nervous."—Atchison Globe. Lucy-"Clara's honeymoon was completely spoiled." Alice-"How?" Lucy The papers containing the account of the wedding did not reach her."-Brooklyn Life.

She-"For my part, I would never forgive a young man who would kiss a girl against her will." He-"Nor I; but do you suppose a young man really ever did?"-Somerville Journal.

Lucille-"Why do you treat that poor Mr. Wintergreen with so little consideration? I declare, I'm surprised that he puts up with you." Genevieve-"Oh, Cleveland Leader.

There are three things yet to be discovered-perpetual motion, a flying machine that will fly and a woman who does not face to the rear end when getting off a street car .- N. Y. Com-

mercial Advertiser. "If Miss Gay devoted as much time to mental culture as she does to dress she would be a very learned woman." "Yes, but she wouldn't have the satisfaction of making every other woman green with envy "-dife.

THE MARKETS.

Cincinnati, Dec. 19. CATTLE—Common .. \$2 50 @ 3 50 Extra butchers 4 75 @ 4 85 CALVES-Extra @ 6 50 HOGS-Choice packers 4 80 @ 4 871/2 Mixed packers, 4 60 @ 4 80 SHEEP—Extra 3 25 @ 3 50 LAMBS-Extra 5 10 @ 5 25 FLOUR-Spring pat.. 3 90 @ 4 30 WHEAT-No. 2 red... 771/2@ CORN-No. 2 mixed.. OATS-No. 2 mixed.. 241/2 RYE-No. 2 HAY-Best timothy.. 541/2 (a 14 75 PORK-Family (ai 50 LARD-Steam @ 6 80 BUTTER-Ch. dairy .. 15 Choice creamery ... APPLES-Ch. to fancy 2 75 POTATOES-Per brl. 1 65 @ 1 75 INIANTS CHILDREN TOBACCO-New10 00 @11 25 Chicago. Promotes Digestion.Cheerful-FLOUR-Win. patent. 3 65 @ 3 80 ness and Rest. Contains neither Opium, Morphine nor Mineral. No. 3 spring...... 66½@ CORN—No. 2 @ 701/ NOT NARCOTIC. OATS-No. 2 221/4(0) LARD-Steam 7 10 @ 7 15 New York. FLOUR-Win. patent. 3 60 WHEAT-No. 2 red... CORN-No. 2 mixed... OATS-No. 2 mixed... 271/ LARD-Steam @ 7 35 Baltimore. WHEAT-No. 2 red .. 71%@ OATS-No. 2 mixed.. 28 29 CATTLE-Butchers .. 4 75 @ 5 00 HOGS-Western 5 30 @ 5 40 Louisville. FLOUR—Win. patent. 4 25 @ 4 70 WHEAT—No. 2 red... @ 75 15 DOSES - 35 CENTS CORN-Mixed 41 OATS-Mixed 26

@12 00

@ 7 00

731/2

Indianapolis.

COUN-No. 2 mixed.

OATS-No. 2 mixed...

HE WAS CONSIDERATE.

The Subject Was Painful But He Had to Enter His Objections.

In yeary up-to-date and well-regulated hotel the force of waiters is rigidly disciplined and each one is intrusted with special duties aside from those of the diningroom. The disciplinary system at one of Detroit's prominent hotels is as severely as that controlling a hody of exact almost as that controlling a body of soldiers. The head waiter is an Irishman with a thick brogue and every morning be-ore the duties of the day begin he lines his nen up in the dining-room and impresses upon them the rules of the establishment and lectures them as to their behavior. He looked unusually serious the other morning as he stood before the soberly-dressed waiters and nervously flapped the ends of his swallow-tail coat, says the Detroit Free

"Gintlemin," he began, "O'im obloiged teh make a few rema-arks this mornin an a subject that is very painful teh me, an' wan that consarns all iv yez voitally. It wan that consarns all iv yez voitally. It has bin repoorted an good atority that wan iv yez (Oi won't say which wan) has bin so la—Oi mane indiscrate—as teh be makin' diprecatory rema-arks about th' prop-proyter iv this hotel an' th' way 'tis conducted. Now, this koind iv t'ing hav got teh be stopped. Oi don't want teh be personal be minshinin' ony names, but th' man that has cha-arge iv th' silver better kape his oye peeled an' put a padlock an his tongue."

Restoration

of the hair is seldom accomplished after it begins to fall out. But there are instances like the following: Mr. S. L. Smith, formerlike the following: Mr. S. L. Smith, formerly superintendent of Omnibus Line, Cincinnati, Ohio, wrote: "My hair commenced falling off about three years ago until I became quite bald, occasioned, I suppose, by dandruff and a slight disease of the scalp. But your Lotion removed the dandruff and all traces of the disease, and I have now nearly as somether as ever I have also all traces of the disease, and I have now nearly as much hair as ever. I have also used Palmer's Lotion for other skin diseases with equal benefit." If your druggist is out of it send to Solon Palmer, 374 Pearl Street, New York, for samples of Palmer's Lotion and Lotion Soap.

One Might Suppose So. Mrs. Brown-Izaak Walton must have

been a peculiar person.
Brown—Why?
"Well, you'd think he'd know how to spell his first name!"—Puck.

Catarrh Cannot Be Cured with Local Applications, as they cannot reach the seat of the disease. Catarrh is a

blood or constitutional disease, and in order to cure it you must take internal remedies. Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous sur-faces. Hall's Catarrh Cure is not a quack faces. Hall's Catarrh Cure is not a quack medicine. It was prescribed by one of the best physicians in this country for years, and is a regular prescription. It is composed of the best tonics known, combined with the best blood purifiers, acting directly on the mucous surfaces. The perfect combination of the two ingredients is what produces such wonderful results in curing Catarrh. Send for testimonials, free.

F. J. CHENEY & CO., Props., Toledo, O. Sold by all druggists, price 75c.

Hall's Family Pills are the best.

Vice Versa.

Tigg-There's one good thing about these

----The Best Prescription for Chills and Fever is a bottle of GROVE'S TASTELESS

An Unjust Charge.

CHILL TONIC. It is simply iron and

"Penelope is so abominably mannish."
"Mannish! I wish you could see her carve."-Denver Times.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure, 25c.

It is a great mistake for a married man to give way to a love of pastry, as it puts him so much in the power of his wife.—Ally

I am sure Piso's Cure for Consumption saved my life three years ago.—Mrs. Thos. Robbins, Maple Street, Norwich, N. Y., Feb 17, 1900.

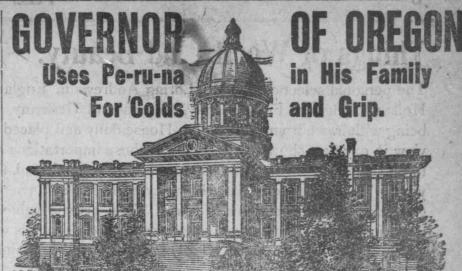
The frown of a true friend is better than the smile of a cunning enemy.-Chicago

Each package of PUTNAM FADELESS DYES colors either Silk, Wooi or Cotton perfectly. Sold by all druggists. ---

Procepe of Old Dr SAMUEL PITCHER

EXACT COPY OF WRAPPER.

Pumplin Seed -Atx. Serna + Rocholle Salts -Acuse Seed +



CAPITOL BUILDING, SALEM, OREGON. A Letter From the Executive Office of Oregon.

man he says:

STATE OF OREGON, EXECUTIVE DEPARTMENT, SALEM, May 9, 1898.

Dear Sirs:-I have had occasion to use

Yours very truly, W. M. Lord. Any man who wishes perfect health must be entirely free from catarrh. Catarrh is

The Governor of Oregon is an ardent ad- | To prevent colds, to cure colds, is to cheat mirer of Pe-ru-na. He keeps it continually catarrh out of its victims. Pe-ru-na not only in the house. In a recent letter to Dr. Hart- cures catarrh, but prevents. Every house hold should be supplied with this great remedy for coughs, colds, and so forth.

It will be noticed that the Governor says

he has not had occasion to use Pe-ru-na for other ailments. The reason for this is, most The Pe-ru-na Medicine Co., Columbus, O .: other ailments begin with a cold. Using Peru-na to promptly cure colds, he protects our Pe-ru-na medicine in my family for his family against other ailments. This is colds, and it proved to be an excellent remedy. I have not had occasion to use it for the house. Use it for coughs, colds, la grippe, and other climatic affections of winter, and there will be no other ailments in the house. Such families should provide well-nigh universal; almost omnipresent, themselves with a copy of Dr. Hartman's Pe-ru-na is the only absolute safeguard free book, entitled "Winter Catarrh." Adknown. A cold is the beginning of catarrh. dress Dr. Hartman, Columbus, Ohio.

WALTHAM WATCHES

The real value of a watch depends upon the accuracy of the movement and not upon the price of the case. The "Riverside" Waltham Watch Movement is an accurate watch in any case.

"The Perfected American Watch", an illustrated book of interesting information about watches, will be sent free upon request.

American Waltham Watch Company, Waltham. Mass.



No black powder shells on the market compare with the "NEW RIVAL" in enformity and strong shooting qualities. Sure lire and waterproof. Get the genuine. New Haven, Conn. WINCHESTER REPEATING ARMS CO.



and Bronchitis in a few days.

Get Dr. Bull's Cough Syrup.

Don't be imposed upon. Refuse the dealer's substitute.

It is not as good as Dr. Bull's.

A treatment taken at home by the patient which renders Whiskey, Beer, Etc., Obnoxious. He who would make a fool of himself will find many to help him.—Danish Proverb. Cures relapses from other treatments; endorsed by business firms of National Reputation. Write for convincing evidence. THE PAQUIN IMMUNE GO., Dept. 28, St. Louis, Mo.

900 DROPS For Infants and Children. The Kind You Have Always Bought AVegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of

Bears the Signature

Aperfect Remedy for Constipa-tion, Sour Stomach, Diarrhoea Worms, Convulsions, Feverishness and Loss of SLEEP. Fac Simile Signature of Galf Fletcher. NEW YORK.

We will furnish duplicates of LIVE STOCK imen Book, at or below quoted prices for same A. N. KELLOGG NEWSPAPER CO., 335 West 5t . St , Cincinnat , O

To-Day's Dessert. In making it ready Burnham's Hasty

Jellycon will be highly appreciated; nothing to do but dissolve it in hot water and set away to cool. The flavors are: orange, lemon, strawberry, raspberry, peach, wild cherry and unflavored "calfsfoot" for making wine and coffee jellies. Get a package to-day at your grocer's.

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